



State of Utah

Department of  
Environmental Quality

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DAQ-046-2005

**MEMORANDUM**

TO: Air Quality Board

THROUGH: Richard Sprott, Executive Secretary

THROUGH: Cheryl Heying, Planning Branch Manager

THROUGH: Dave McNeill, SIP Section Manager

FROM: Colleen Delaney, Environmental Scientist

DATE: June 21, 2005

SUBJECT: Final Adoption: New Rule R307-421, PM<sub>10</sub> Offset Requirements in Salt Lake County and Utah County; and Modification to R307-101-2, Definition of *Baseline Date*

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On March 9, 2005 the Air Quality Board proposed for comment a new rule, R307-421, *PM<sub>10</sub> Offset Requirements in Salt Lake County and Utah County* that would maintain the PM<sub>10</sub> nonattainment area offset requirements for sulfur dioxide (SO<sub>2</sub>) and nitrogen oxides (NO<sub>x</sub>) when the areas are redesignated to attainment for PM<sub>10</sub>. The offset requirements will work in conjunction with the PSD permitting program to ensure on-going attainment of the PM<sub>10</sub> standard because the emission offsets will address the secondary formation of PM<sub>10</sub> from SO<sub>2</sub> and NO<sub>x</sub>.

The Board also proposed a change to the definition of *Baseline Date* in R307-101-2 to be the date that EPA approves the PM<sub>10</sub> maintenance plan and the SO<sub>2</sub> maintenance plan for the affected areas. This change is necessary to meet the goals of the prevention of significant deterioration (PSD) program and to ensure that the PSD increment analysis is meaningful.

Several comments were received on this proposal. A summary of the comments and the response from UDAQ staff is attached after the tab for the PM<sub>10</sub> Maintenance Plan (see comments #122

through #128). Staff is not suggesting any changes in the rules due to public comments. However, the date of adoption for the PM<sub>10</sub> Maintenance Plan is July 6, not June 1, as specified in the proposed rule amendment.

## **Recommendation**

UDAQ staff recommends that the Board adopt the new rule R307-421 as proposed at the March Board meeting. Staff recommends that the Board adopt the definition of *Baseline Date* in R307-101-2 as proposed, with the correction of the date of adoption of the PM<sub>10</sub> Maintenance Plan from June 1 to July 6, 2005.

Link: [www.rules.utah.gov](http://www.rules.utah.gov) \Publications \ Utah Bulletin \select 2005\Vol. 2005, No. 7, pdf, to view R307-421, page 28.